

JANUARY-FEBRUARY 1966









Donald R. Millberry

Roy J. Brant Promoted to Newly Created Position of Corp. Manager, Labor Relations

Two changes in North Adams Industrial Relations activities were announced by John D. Washburn, Corporate Director of Industrial Relations. Roy J. Brant, formerly Assistant Industrial Relations Manager for North Adams, has been promoted to the new position of Labor Relations Manager. Donald R. Millberry, formerly Assistant Manager of Corporate Wage and Salary Administration, has been named Assistant Industrial Relations Manager for North Adams. Mr. Brant's new responsibilities will include all corporate-wide labor relations programs and policies. Mr. Millberry will be responsible for assistance in the full range of Industrial Relations functions at our North Adams operations.

Mr. Brant is a native of Palo Alto, California and a graduate of the University of San Francisco. Prior to joining Sprague Electric in early 1965 he was associated with the National Labor Relations Board as a Field Examiner. While in college he held various jobs with a pipeline construction firm, a drayage company, and a diesel supply company.

Mr. Brant is a member of the University of San Francisco Alumni Association and the Holy Name Society. He and his wife, the former Joan Barry of San Francisco, and their five children reside at the Knolls in Williamstown.

Mr. Millberry is a native of Peabody, Massachusetts and a graduate of Bryant College. Following graduation he joined Sprague Electric as a Technician and later became a Cost Estimator. From 1959-1961 he was employed by the Mercer Messenger Company, in New Jersey, as Advertising Representative and Office Manager, and with the North Adams Transcript as Classified Advertising Manager.

In 1961 Mr. Millberry returned to Sprague Electric as Assistant Manager of Wage and Salary Administra-

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R. C. Sprague's 1966 Forecast Sees Significant Gains in All Major Areas Led By Heavy Consumer Market Sales

Most industry observers had at this time a year ago considerably under estimated the strength of the markets for electronic equipment and components that was to develop in 1965. For the first time in several years, significant gains are now in prospect for all major segments of the industry.

Led by a very strong performance of the consumer segment, total industry shipments for 1965, at factory prices, were up about 7% to approximately \$17.2 billion, compared to \$16.1 billion in 1964.

Although it is the smallest of the equipment markets in total dollars, the consumer segment was by all odds the star performer in 1965, and will in all likelihood continue to be in 1966. Factory shipments of home entertainment and other products for this market increased 19%, to \$3.5 billion compared to \$3.0 billion in 1964.

Factory sales of TV were about 10,940,000 sets, compared to 9,432,-000 in 1964. Color TV shipments came to about 2,560,000 sets against 1,404,000 the previous year, and were limited only by the ability of the industry to produce them fast enough; dollar sales amounted to some \$888 million and for the first time exceeded the dollar volume of monochrome TV sets. Shipments of the latter increased to about 8,380,000 sets compared to 8,028,000 in 1964; dollar shipments of \$867 million, however, were below the 1964 figure, as the average factory value dropped as a result of a continuing decline in sales

of console and combination models which compete directly with color TV.

In radio, 1965 saw a new all-time high in factory sales of \$453 million, or 18% above 1964. About 14,200,-000 home radios were sold, against 10,836,000 for 1964, while auto radio shipments increased even more sharply to 9,400,000 from 8,313,000. Home

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Miller Named Manager Recruitment & Staffing



John F. Miller, Professional Placement Manager with General Dynamics, Rochester, New York for the past five years, has joined Sprague Electric as Corporate Manager of Recruitment and Staffing according to an announcement by John D. Washburn, Corporate Director of Industrial Relations. His entire business career has been in the field of personnel and placement. Prior to his association with General Dynamics, he was employed by Melpar in Watertown, Massachusetts and Advance Industries in Cambridge as Senior Personnel Representative and Industrial Relations Manager respectively.

A native of Glasgow, Scotland, Mr. Miller attended elementary and secondary schools in Hanover, New Hampshire and in 1949 graduated from the University of Vermont. From 1943-1945 he served in the U. S. Army Medical Corps.

Mr. Miller is a member of the National Management Association and Phi Delta Theta fraternity. He and his wife, the former Lois Minnear of Painted Post, New York, and four children are making their home in Colonial Village, Williamstown.

E. L. Ward Reelected To Nat'l. Conference Board

Ernest L. Ward, President, was reelected a Board Member of the National Industrial Conference Board for 1966. He has served continuously on the Board for the past several years.

The Conference Board, founded in 1916, is an independent and non-profit institution for business and industrial fact finding through scientific research. In terms of everyday usefulness, the Board is a source of facts and figures bearing on all aspects of economic life and business operation. The work of the Board is made possible through the support of its subscribing associates, including business organizations, trade associations, government bureaus, labor unions, libraries, individuals, and colleges and universities.

Santa Fund Aids Northern Berkshire Tots



Santa Claus, himself, came to assist members of the North Adams Management Club with their Santa Fund wrapping chores. Shown with Santa are Marion Caron, Employment Manager, and John Pennock, Test Equipment Foreman. It was a happy occasion for everyone.



Robert C. Sprague, Chairman of the Board and Chief Executive Officer, (left) received an award as New England's "Man of the Year" at the 41st Annual New England Conference. Making the presentation is Gardner A. Caverly, (right) Executive Vice President of the Council, as U. S. Senator Edward M. Kennedy looks on. Mr. Sprague was the second recipient of this high honor, the first having been Dr. Edward H. Land of Polaroid Corporation.

Robert C. Sprague Honored As New England's "Man of The Year" At Governor's Luncheon

Robert C. Sprague, Chairman of the Board and Chief Executive Officer, was recently named New England's "Man of the Year" for 1965. The award was presented by the New England Council for Economic Development at its Annual Governor's Luncheon held at the Sheraton-Boston Hotel.

The award is "meant to honor a New Englander who, by unique achievement, has rendered a singularly distinguished service or product to the New England economy and, in many cases, to the nation and the world", the audience of 600 of New England's leaders in government, industry, recreation, agriculture, commerce, and education was told by Everett W. Smith, President of the Council and Vice-Chairman of the New England Merchants National Bank. First recipient was Dr. Edward H. Land of Polaroid Corporation

In presenting the award to Mr. Sprague, Holmes Whitmore, Chairman of the Council and President of the Jones and Lamson Machine Company, cited Mr. Sprague's contributions to military security and technological excellence as well as his leadership and confidence in the shape and resources of the New England region.

In accepting the award, Mr. Sprague not only paid tribute to the progress demonstrated in New England in recent years by the six states working together on mutual problems affecting the economy through the

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Council but asked for an intensive extension of the research and development philosophy, which has been the salient factor in the growth of its Company as well as in the growth of many other organizations which have significantly transformed the New England economy in the past twenty years. He said that science-based industries carrying forth from an R and D base were New England's "hope for the future".

As the result of the coming of the NASA Space Center to the Boston area, he predicted an "even greater expansion of technological and industrial progress as new firms are organized to make new products based on new developments sparked from this nucleus" that grew from the World War II research at MIT, Harvard, and other institutions, resulting in the science-based second "Flowering of New England".

In addition to his work at Sprague Electric, Mr. Sprague has served as a Consultant on Continental Defense to the National Security Council, as Chairman, Agent, and Director of the Federal Reserve Bank of Boston, as Chairman of the Electronics Industries Association; and as President of the Associated Industries of Massachusetts. He was a Consultant for the Killian Committee on Defense Mobilization, acted as Director of the Gaither Committee on Security Resources, and was a member of President Kennedy's Science Advisory Committee on the Air Defense Panel.

SPRAGUE ELECTRIC LOG

No. 2

MARION H. MANION

Manager, Corporate Publications
Circulation Manager: MARION CARON Social Chairman: Ann Heath

Sports Reporter: ROGER DELISLE Photographer: Albert Horsfall

Published by SPRAGUE ELECTRIC COMPANY, North Adams, Mass.

Nashua, N. H. Chamber of Commerce Sponsors Career Conference For Students

Sprague Electric Company and eighteen other industrial firms presented a Career Conference on December 30th for Nashua area college students who were home during the holidays. The program, a Chamber of Commerce project, was designed to present the young people with the opportunities available for challenging and rewarding work in their hometown. Cultural, educational, social and recreational activities were not overlooked during this comprehensive daylong exploration of greater Nashua advantages.

Chamber President Philip T. Lamoy and Mario J. Vagge, Mayor of Nashua, opened the session with their greetings. Individual speakers, panel discussions and questions from the floor covered a broad range of subjects. Effective self-presentation to a prospective employer, matching oneself to a company, Nashua educational standards, liberal arts students opportunities in industry, big vs little companies, and many other interesting topics were hashed over during this day.

Many companies hosted luncheon tables and invited interested college students to enjoy their noontime meal with informal discussions about life after graduation. During the day there was ample time to visit the many booths displaying the products. manufacturing techniques and other pertinent information about the participating companies. Company representatives were on hand to answer questions and point out interesting facts to the observers. One of the attractions commanding considerable attention from the college people as well as the business representatives themselves was the Sprague Electric presentation. In particular the Sprague branch plant, sales office flashing lights on the map of the United States - push the button by the picture for location on the map display received considerable ac-

George H. Bateman, Assistant In-

dustrial Relations Manager, representing Sprague Electric Company, noted that the students reacted favorably to this first attempt of business to communicate with them in this fashion. According to critiques made out at the day's end, the participants were appreciative of the effort expended, had generally a good idea of the activities and occupations existing in Nashua industries and brought out ideas for expanding and making more effective this program the next time.

The Chamber Committee responsible for this production is so pleased by these results that plans have been drawn for next year's expanded Career Day.

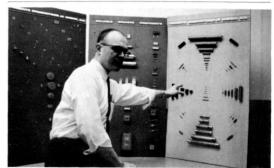
Sprague Scholarship Applications Being Accepted Until May 1

May 1, 1966 is the deadline for Sprague Electric Scholarship applications. In North Adams application blanks may be obtained from high school Guidance Departments or from Frederick Whitam, Chairman of the Scholarship Committee. At branch plants applications are available in the Industrial Relations office.

The Sprague Scholarship Fund was originally established in 1950 to assist students in starting and obtaining a higher education. Recipients of the scholarships are recognized for their scholastic achievements, leadership qualifications, personality, general all-around ability and the need for financial assistance. In college they must major in a course of study applicable to employment at Sprague Electric.

In North Adams six scholarships are available. Three to sons or daughters of employes, one engineering scholarship, a cooperative engineering scholarship and a nursing scholarship. At the larger branch plants a scholarship is available to a

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George Bateman, Assistant Industrial Relations Manager at Nashua, New Hampshire, points to the display board which was part of the Sprague Electric exhibition at the Career Conference. The panel on the left contains various ceramic capacitors, the one on the right displays resistors and the center board contains a variety components manufactured at other locations.

- Picture Highlights -



Pesco Products, a division of Borg Warner, recently presented personnel at Vandalia, Ohio with a "Zero Defects" citation for their help in assisting Pesco to receive a Zero Defects Achievement Award from the U. S. Air Force.

In the presentation picture Harold Saunders (left), Director of Purchasing for Pesco, awards the citation to Bernard Kuhse (center), Manager of the Midwest Development Center, as John Erikson, of Vandalia Quality Control, looks on.

To rate an Achievement Award a company must encourage its suppliers to initiate Zero Defect programs in their plants; develop a pride in workmanship; excel in quality, cost reduction and delivery; supply a high reliability product and have constant error reduction in production.



Students from Abilene, Texas, visiting at the homes of Drury High School students, toured Sprague Electric for a little first hand information on how our products are manufactured.

In addition to visiting various manufacturing areas, the students were conducted through the Research and Development Center. Several in the group who are preparing for a career in science were particularly impressed with the work being done.



The Marshall Street Cafeteria was a busy place as Management Club people gathered to begin wrapping toys for the Santa Fund. Large stocks of toys and wrapping paper were quickly coordinated and in a matter of a couple of hours the toys were all neatly wrapped and labeled, ready for the second session the following night.

The second group bundled the presents in family groups and the toys were then ready to be delivered to the children's homes.

Sp. Raymond Pollone, Member of Famed Special Services, Writes From Vietnam

Editor's note: With the subject of Vietnam so much in the news, you will be interested in this first hand report of conditions there. I'm sure Sp/4C Raymond Pollone's letter speaks for the many from this area and throughout the country who are presently serving in this difficult spot. The letter was sent to his auth. Assunta Pollone, of Beaver Street. Another aunt, Phyllis Faustini, is a Switchboard Operator.

Sp/4C Pollone is well known in North Adams having visited here on numerous occasions. He is presently serving a one year extension on his three year enlistment. His parents are justifiably proud of the fact that four of their sons have enlisted in the Armed Services, and that another one was turned down because of an eye correction which made it impossible to meet service standards.

... Right now my buddy and I are the only Americans at one of our outposts on the Cambodian border. We have a handful of Viet soldiers and one interpreter. We just got word that we may be attacked this evening, so of course we are intending to be awake for quite awhile yet. My lighting is coming from a tiny kerosene lamp. I paid about 8 cents for it. Not much but it gives some light. This outpost isn't too strongly fortified. In fact I've been here one month setting up defenses and setting anti-personnel mines. Also, I have been doing much patrolling. Patrolling in this area is extremely hard because it is well covered with water. Lately the water has been going down and pretty soon it may almost dry out quite a bit of the area.

This may not seem to be too much of a letter, but there are many things I am forbidden to tell you and also there are many things I will not tell you because I don't want you to get distressed and worry over something you can do nothing about.

I am and I know many other Army, Air Force and Marines are quite disturbed over the reports and newspaper items (the few papers we get) about those ignorant (people) marching around with signs about "getting our men out of Vietnam." If they

SAFETY SENSE

Women and girls should never use an electric hair dryer while bathing, doing laundry or washing dishes.

Using such dryers while in or around water can result in electrocu-

The electric hair dryers were a most popular and useful Christmas gift, but using a dryer where the cord can be splashed, or while having wet hands or standing in a puddle of water such as may occur around laundry appliances, can be dangerous.

It is important for mothers to see that their young daughters observe these same safety precautions and be discouraged from trying to do two things at once.

Instead of bathing or washing while using an electric hair dryer, relax and catch up on your reading.



Sp/4C R. Pollone

only knew how discouraging and disappointing it is, to be here, fighting for something that is only right and good, and yet read about how our own people in the States are opposing us. They don't seem to realize the consequences if we should pull out of this Country's War. The Communist aim is to rule the world. Vietnam will only be a stepping stone toward that end. From this conquest they would then start on Thailand, Australia, the Phillipines and on and on until we would end up fighting them in the end on United States soil. If this is what those (people) want, then they are worse off than any name I can think of. I had better change the subject before I pop my cork! !"

If anyone would be interested in writing to Sp/4C Pollone, his address is as follows: SP/4C R. F. Pollone RA 11413738

Co. D 5th S.F.G. (ABN) 1st S.F. Det. A-422

APO San Francisco, California 96215

Foster Parents' Plan -- A Way You Can Help

Foster Parents' Plan is a long term, person-to-person program of rescuing overseas children from hunger, sickness, privation, and ignorance. For 28 years the organization has been matching generous American and Canadian Foster Parents with destitute, deserving Foster Children who mature into productive educated citizens of their own countries, loyal friends of ours.

"Adoption" is financial and costs 50c a day, \$15 a month for a minimum of one year. This provides your child with \$8 cash (U. S. value), new clothing, medical care, household equipment, and education. The child's entire family is eligible for good used clothing, medical care in most countries, guidance, and counseling in all countries from PLAN's onthe-spot social workers who work under a North American Director. You receive a photograph and case history of your child as soon as you "adopt" him, and you write to one

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Air Force "Man of the Month"



Staff Sergeant Francis R. Risch, son of Ceil Magnani of Miscellaneous Dry Test, Finish and Ship, was recently named the 823rd Air Division Maintenance Man of the Month at McCoy Air Force Base, Florida.

In recommending SSgt. Risch for the citation, Chief Master Sergeant Harold Dease praised his outstanding technical knowledge and supervisory ability. A 12 year Air Force veteran, SSgt. Risch was stationed at Robins Air Force Base in Georgia prior to transferring to McCoy about a year ago.

He was specifically cited for having diagnosed a defective oil scavenge pump on a KC-135 aircraft. SSgt. Risch disassembled the engine to the pump in 10 hours and in addition to replacing the pump, changed the carbon seal and spacers, the oil cooler and the air inlet section.

Sergeant Dease stated that the normal time for this repair is 20 hours. The giant KC-135 engine was reinstalled on the tanker and an on-time takeoff was accomplished.

Sergeant Risch's wife is the former Martha Smith of New Orleans, Louisiana. They make their home at Orlando, Florida.

Share Your 'Adventure'

Family togetherness in today's world is almost non-existent.

Father is busy with work and bills

and golf and a host of things that keep a man in the garage.

Mother is occupied with home, shopping and coupless extrands plus

Mother is occupied with home, shopping, and countless errands plus time-saving devices that supposedly make her life easier.

And Sis and Junior are so involved in school, clubs, homework, and the job of growing, they hardly have time to sneeze.

How, then, can the family find time for togetherness?

Admittedly, the obligations and duties of modern living make family get togethers as rare as Christmas Eve.

Still, one rule and a little planning can make togetherness possible at least for a brief period daily.

The rule is simply that every member of the family must be present for at least one meal every day, preferably the evening meal.

If that rule is followed, the rest is easy. For during dinner, each member of the family is requested to tell at least one "adventure" of that day. The adventure might be something humorous, or something heard in class or at work, or something seen on television, or even something just purchased. And when one member of the family concludes his adventure, the next member at the table gets his turn to share an experience.

Start your "adventure time" with Dad and rotate so that everyone has a chance to be first.

After several practice sessions at dinner, you will see and hear things during the day that you will want to relate.

Try it...It will eliminate the idle prattle; it will do away with petty squabbling; it will reduce the degrading mode of dining to the accompanying voice of a radio or television set; and best of all, it will make togetherness a fact.

Who knows? It may even bring conversation back.

For A Happy Year . . .

Take 12 fine, full-grown months; see that these are thoroughly free from all old memories of bitterness, rancor, hate, and jealousy.

Cleanse them completely from every clinging spite; pick off all specks of pettiness.

Cut these months into 30 or 31 equal parts. Do not attempt to make up the whole batch at one time, but prepare one day at a time, as follows:

Into each day put equal parts of faith, patience, courage, work, hope, fidelity, liberality, kindness, rest, prayer, meditation.

Add about a teaspoonful of good spirits, a dash of fun, a pinch of folly, a sprinkling of play, and a heaping cupful of good humor.

Pour love into the whole and mix with a vim.

Serve with quietness, unselfishness, and cheerfulness.

Question of the Month (?)

Aren't today's juvenile delinquents related to the adult delinquents who train infant delinquents.

R. C. Sprague's Forecast

Continued from Page 1

radio shipments at factory prices were \$218 million, or the largest since 1947, and auto radio shipments were at a new peak of \$235 million.

Phonographs also put in an unespectedly strong performance, with some 6,375,000 being sold compared to 5,159,000 last year, and confounding earlier predictions that 1965 might show a decline in this product. Although average value was lower, again reflecting a smaller proportion of console and combination models, dollar shipments came to about \$507 million, compared to \$440 million in 1964.

As we look ahead to 1966, prospects are for continued strength in the consumer segment, particularly for color TV. Assuming that picture tubes and other components are available in sufficient quantities to permit the manufacture of about 4,300,000 color sets, I believe sales of color sets should increase dramatically to about \$1,440 million against this year's \$888 million. Monochrome TV sales will, in all probability, drop modestly as more and more consumers choose color, including the lower priced table models that should be available in greater quantity in 1966. I look for black-and-white shipments to decline to about 7,400,000 sets. Radio set sales should be maintained at about the 14,000,000 level, although dollar shipments may decline reflecting somewhat lower prices. Dollar sales of phonographs are also likely to be somewhat below the unusually high 1965 figure, while other consumer products should show a better than 10% gain. Altogether, therefore, I look for consumer products sales by our industry of more than \$3.9 billion in 1966, an increase of some 11%.

Although temporarily eclipsed by the booming consumer market, the industry electronic segment also showed a healthy 11% increase this year, to \$3,865 million compared to \$3,465 million in 1964. Progress was surprisingly uniform in all major segments of this market, with computers and data-processing and industrial controls showing slightly above-average increases and testing and measuring equipment showing only a slightly below-average gain. I look for a rapid step-up in the rate of computer deliveries, beginning in 1966 and accelerating in 1967 and 1968. Together with the continued growth of other industrial electronic products at about the current rates, these accelerated deliveries of computer systems should result in an average percentage gain for the industrial market on the order of 13% per year over the next several years, compared to 11% for the past few years.

Government procurement of electronics for both military defense and non-military applications this year, at \$9.2 billion, was only slightly above the 1964 level of \$9.1 billion. Total Department of Defense spending in fiscal 1965 at \$47.4 billion (not including military assistance) fell substantially below the estimated level of \$51.2 billion, but has turned up significantly in the current fiscal year; it now appears probable that fiscal 1966 spending may exceed the budget estimate of \$52.5 billion by \$3-4 billion, and by mid-year 1966 may be billion, and by mid-year 1966 may be

running at a rate close to \$60 billion. Expenditures for space programs by NASA should also continue to rise, although at a slower rate than in the recent past.

I would look for a gain of approximately 5% in DOD electronic procurement in calendar 1966, to approximately \$7.84 billion. To this must be added \$1.84 billion for NASA and the Federal Aviation Agency, making total Government products sales of approximately \$9.68 billion.

As a components manufacturer, I am pleased to report that total components production in 1965 increased some 7% to \$4.3 billion, compared to \$4.0 billion last year.

Shipments of components in 1965 were up in virtually all categories. As might be expected, the largest gain was in integral circuit packages, which showed a 36% increase over 1964, but shipments of active and passive components in discrete form also increased by 6% and 10% respectively. The two major factors in the currently strong demand are color TV, which uses on average about twice the value of components as does a monochrome set, and the increasing shipments of the new computers, which require very large quantities of transistors, capacitors, resistors, and magnetic devices, either in conventional form or in the form of precision functional assemblies.

Components shipments in 1966 should again increase by about 7%, to over \$4.5 billion. Integral circuit packages should increase to more than \$340 million, including about \$140 million worth of microelectronic circuits of all types. Shipments of discrete components, including transistors, capacitors and resistors should all show at least an 8% increase over 1965.

In conclusion, one might say that there is an unusual conjunction of favorable factors in virtually all segments of the electronics industry in 1966. In terms of end equipment, all major segments – consumer, industrial and Government – should be strong, and I look for total factory sales of these products, together with replacement components, of about \$18.5 billion or 7.5% over 1965.

Scholarships

Continued from page 2

son or daughter of an employe, and a General Scholarship is awarded annually to a child whose parent is employed at one of the smaller operations or a sales office.

Branch plants having their own scholarships include: Ashe County, North Carolina; Concord and Nashua, New Hampshire; Ponce, Puerto Rico and Visalia, California. Children of employes in Grafton, Wisconsin; Hillsville, Virginia; Los Angeles, California; Orlando, Florida; Plymouth, New Hampshire; Rockville and Annapolis Junction, Maryland; Sanford, Maine; Vandalia, Ohio; Worcester, Massachusetts and the Sales Offices are eligible for the General Scholarship.

Concord News

Sprague Electric Welcomes Nine New Additions to the Concord Operation



James Allen began employment with Sprague Electric Company in early November 1965, as a Semiconductor Product Specialist for the Marketing Department, reporting to

James Hearl.

Mr. Allen is a native of Columbus, Georgia. He received his education from the United States Military Academy, West Point, New York and the Massachusetts Institute of Technology, Cambridge, Massachusetts, where he received a Bachelor of Science degree in Industrial Management.

Mr. Allen was formerly employed with Beckman Instruments, California, an Electronic Technician; Bell Telephone Laboratories, New Jersey, as a Technical Aide; and Westinghouse Electric Corporation, Baltimore, as a Quality Control Supervisor.

Mr. Allen is married to the former Karen Krueger of New York and has one daughter, Lisa Michelle.



On January 12, 1966, Fernald Parent began his employment with the Concord Plant of the Sprague ElectricCompany as a Distributor Sales Manager for the Marketing Department, re-

porting to Albert Dall.

Mr. Parent, a native of Berlin, New Hampshire, is a graduate of North Yarmouth Academy, Yarmouth, Maine, and received a bachelor of Science degree in Electrical Engineering from the Indiana Institute of Technology, Fort Wayne, Indiana.

Mr. Parent was previously employed as an Electrical Engineer with the Raytheon Company, Wayland,

Massachusetts, and as a Sales Engineer with the L. L. Schley Company, Inc., Watertown, Massachusetts.

Mr. Parent is a Foreign War Vet-

eran and is affiliated with the Knights of Columbus, Indiana Institute of Technology Alumni Association, and the Beta Sigma Tau Fraternity.

He is married to the former Jacqueline LeBrecque of Portland, Maine and has three children, Cynthia, Christopher, and Andrea.

John Tirrell began employment with the Sprague Electric Com-pany on December 1, 1965, as an Applications Engineer, reporting to Charles Grandmaison.

Mr. Tirrell, a native of Quincy, Massachusetts, is a graduate of Weymouth High School, Weymouth, Massachusetts, and received a Bachelor of Science degree in Physics from Wheaton College, Wheaton, Illinois.

Mr. Tirrell was previously employed by the Teletype Corporation, Skokie, Illinois, as an R&D engineer.

He resides in Concord with his wife, the former Dorothy Olson of Glen Falls, Illinois, and sons, Arthur Continued on page 3A, col. 1



A. Doore Named Concord Assistant I. R. Manager

The appointment of Anders Doore as Assistant Industrial Relations Manager of the Concord Plant was announced recently by New Hampshire Industrial Relations Manager, Aldem A. Trottier.

Doore, a native of Chicago, Illinois, received his education from the Tilton School, and graduated from New England College in Henniker, where he received a Bachelor of Arts degree.

Prior to joining the Sprague Electric Company, Mr. Doore worked in the personnel field with Sears Roebuck

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Alva Lewis Successfully Completes Studies with Correspondence School

Alva Lewis recently received a certificate from the International Correspondence Schools for successfully completing the Electrical Blueprint Reading curriculum, under the Company's Educational Sponsorship Program.

Mr. Lewis has been an employe of the Sprague Electric Company since March of 1959 and in his present position as Maintenance Man Mechanic, reports to Charles Dean of the Maintenance Department.

He began the Electrical Blueprint Curriculum in October, 1964, and received his certificate within a year's time. Some of the subjects covered were Practical Arithmetic, Formulas, Electricity, D-C Generators and Motors, A-C Circuits, Practical Electrical Measuring, Electrical Schematic Diagrams, Transformers, A-C Motors, Generators, and Rectifiers.

The Company will sponsor those wishing to attend college, whether it be working toward a degree or taking a few advance courses pertaining to the field in which you are working. Correspondence Schools and evening schools are also included under the sponsorship program.

All one has to do is to pick up the application forms from the Industrial Relations Office, complete them, and forward to your Department Head or Foreman.

Two Group Leaders Promoted to Foremen





C. Call



D. Towle

Charles Call recently accepted his new responsibilities as SEPT Production Foreman, reporting to Robert

Mr. Call is a native of Pittsfield, New Hampshire, and is a graduate of Chichester Central Grammar School

and Concord High School. He received further education while serving with the United States

Army Signal Corp.

Mr. Call joined the Company in 1960 as a Technician and until his recent promotion to Foreman, was employed as an SEPT Production Group Leader.

He resides in Concord with his wife, the former Jane Longchamp of Concord.

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Year-End Distribution and Other **Benefits for Sprague Employes**

A year-end distribution of \$100.00 was made to all eligible employes on December 16, 1965. Employes with at least six months seniority on December 1, 1965 and who received a minimum of twenty-five pay checks during the eleven month period pre-ceding December 1, 1965, and who were still in the employ of the Company on December 17, were eligible. Those who did not meet these requirements, but who met them on December 31, 1965, were eligible for a similar distribution early in January, 1966.

In addition to the distribution, announcements were made of a general wage increase of 21/2% with a minimum of four cents per hour to hourly rated employes and a comparable increase for incentive employes, the availability of major medical insurance coverage to hourly rated personnel effective January 1, 1966, an increase in weekly sickness benefits, effective on the same date, and the announcement of a contributory pension plan for hourly rated employes effective January 1, 1967. With the distribution and other

announcements, went the Company's best wishes for a Happy and Pros-

perous New Year for all.



Charles Dean, left, Maintenance Foreman, congratulates Alva Lewis, center, for successfully completing the I.C.S. curriculum in Electrical Blueprint Reading. Looking on is Assistant Industrial Relations Manager, Anders Doore, who is responsible for training activities here in Concord.



Messrs. Daigneault, Ward, Faylor (back row, left to right) and Parrish (far right) congratulate (front row, left to right) John Crase, 15 year service employe; and Al Trottier and Tom Morrison, 10 year service employes.



Mr. Ishler is pictured here with 5 year service employes (from left to right) Roger Lemere, Department 297; Fermor Moscaritolo, Department 724; Eleanor Earle, Department 448; and Lillie David, Department 724.



Messrs. Dandy (3rd left) and Faylor (right) congratulate five year pin recipients (left to right) George Barter, Jeannine Brasley, Virginia Connor, and Albert Letourneau, all of Department 721.



Mr. Parrish (2nd right) congratulates Richard Ashland, Department 425; Evelyn Bane, Department 725; and Leona Perreault, Department 725, for receiving their 5 year service award pins.

140 Honored at Service Award Banquet

One hundred-forty Sprague Concord employes were honored on November 17, 1965 at a Service Award Banquet held at the New Hampshire Highway Hotel.

Ernest L. Ward, Company President, made the presentations and addressed the group. He offered congratulatory remarks for the record of service compiled by the recipients.

Among Company officials on hand to join in the program were H. Kenneth Ishler, Vice President of the Semiconductor Division; Kenneth S. Brown, Eastern Area Industrial Relations Manager; Robert L. Parrish, General Manager of the Company's Tantalum Operations; and Martin J. Daigneault, Manager of the Plymouth

Recipient of a pin in recognition of 15 years of service was John Crase, Manager of the Company's Time Study and Cost Department here in Concord. Ten year pins were received by Thomas Morrison, Tantalum Engineer; and Aldem Trottier, New Hamsphire Industrial Relations Manager. Mr. Trottier also served as Master of Ceremonies for the affair.

Five year pins were presented to the following employes: Rhea Arsenault, Dick Ashland, Sandra Auprey, Virginia Austin, Elinor Avallone, Goldie Bagley, Evelyn Bane, Marie Barnes, George Barter, Jeannie Beauchene, Edward Beaudoin, Paul Beck, Jacqueline Benson, Laura Berard, Ruth Berberian, Bob Bouchard, Bruce Bonnette, June Boudreau, Audrey Boynton, Jeannine Brasley, Nancy Brown, Peter Burgess, Bob Burr, Charles Call, Nate Chapman, Don Chase, Pearl Cheney, Bob Collette, Virginia Connor, Lucienne Cote, Gerard Courchene, Merle Cressy, Bob Curtis, Norma Dandurand, Lillie

David, Charlie Dean, Jim Denoncourt, Simone Desrosiers, Alma Di-Pietro, Elizabeth Douillette, Sandra Duguay, Eleanor Earle, Esther Ed-munds, Dave Emmons, Hector Emond, Maurice Emond, Al Field, Paul Foote, Norman Forest, Robert Frank, Jerry Gagnon, Florence Gallien, Barbara Gibbs, Norman Giles, Jeanne Gingras, Thekla Girard, George Gordon, Florence Gove, Lindsay Gregory, Eunice Griffin, Rodney Hardy, Dorothy Hills, Tom Howe. Ronald Hughes, Frances Hunt, Dorothy Jennings, Connie LaFond, Ruth Lassonde, Leo Lavin, Edward Le-Borgne, Yvonne LeBrun, Roger Lemere, Al Letourneau, Ruth Lindquist. Harry Littlefield, Winnifred Littlefield, Clayton Longver, Eleanore Marden, Ged Martel, Jerry Martel, Ruth Martsolf, Arlene Matulaitis, Phil McManus, Carol Merrill, Helen Miller, Harold Moffett, Al Moody, Multer, Harold Molect, Al Moody, Ruth Morgan, Ray Morin, Fermor Moscaritolo, Dot Mulligan, Paul Murdough, Ben Newhall, Esther Nolin, Joseph Oliver, Dana Ordway. Gertrude Paul, John Payne, Marilyn Payne, Leona Perreault, Barbara Person, Peggy Peterson, Beatrice Petrin, Ruth Philbrick, Marion Piwowarczyk, Freda Presby, Maybelle Reed, Geraldine Rheaume, Bill Roberts, Alfred Runnells, Dana Sawyer, Annie Seldon, Barbara Severance, Hazel Sinclair, Esther Smith, Gerald Smith, Rodney Spaulding, Ralph Stevens, Arlene Stover, Richard Tatro, Ethel Townsend, Harriet Twombly, Virginia Twombly, Pearl Villeneuve, Dorothy Walters, Walter Warriner, Beatrice Welcome, Beverly Welcome, Madeline Williams, Claire Wilox, Herbert Wishart, Helen Witham, Jean Wood, Wayne Wooley, Allen Wright, Dave Yeaton, and Herman

1965 Suggestion Awards Total \$2,571.17

A total of ninety-five suggestions were submitted during the year, 1965. Awards amounting to \$2,571.17 were paid to thirty-four suggesters for thirty-eight accepted ideas.

The Suggestion Committee considered ninety-eight suggestions at its monthly meetings and rejected 60.

The largest award, totaling

The largest award, totaling \$1,031.17 for three combined ideas, all pertaining to the Vasco Sintering Furnace, was paid to Robert Chase of the Tantalum Pellet Preparation Department. Bobwas also the largest award winner for the year, accounting for \$1,131.17 of the total paid.

Other large single award winners were Elwood Roberts, Department 720, and Wayne Robertson, Department 720, who split a \$210.00 award; Doris Miner, Department 426, \$108.00; and Howard Hazeltine, Department 438. \$96.00.

The ratio of accepted suggestions is roughly one out of three submitted, so if at first you don't come up with an award winning idea, please keep trying. I deas for cost reduction in material handling or methods as well as jig or fixture improvements, salvage, etc., are the type the Company is looking for. When you have an idea you think might result in savings, don't hesitate to write it on one of the suggestion forms found throughout the Plant. This year you may win extra dollars merely as a result of an idea you had. Others do, why not you?

EDITORIAL STAFF

Local Editor..... Anders Doore

REPORTERS

Sandra Baker, Louis Bellman, Janet Bergh, Virginia Bickford, Phyllis Blanchette, Cecile Boisvert, Simone Croteau, Ann Cutting, Carroll Dodge, Hector Emond, Judith Everett, Barbara Gibbs, Jeanne Gingras, Howard Hazeltine, Barbara Joaquin, Yvonne LeBrun, Barbara Mayo, Gloria McDonald, William Morrill, Albina Morse, Esther Perron, Blanche Prescott, Lynne Preve, Geraldine Rheaume, Maureen Rogers, Shirley Seddon, Avis Small, Ann Towle, Nancy Verville, Marguerite Willard, Wayne Wooley.

SPORTS REPORTERS

Albert Sieradski and Carol Thornton

Nine New Additions

Continued from page 1A, col. 3 Allan, Robert Winston, and William Irving.



George Heck began employment with the Sprague Electric Company on October 25, 1965, as a Tantalum Methods Man, reporting to James Smith.

Mr. Heck, a native of Malden, Massachusetts, received his education from Quincy High School, Franklin Technical Institute, and Lincoln Technical Institute.

Mr. Heck was employed with the American Machine and Foundry Company, Boston, Massachusetts, as a Sheetmetal worker and Group Leader; the Raytheon Manufacturing Company, Lowell, Massachusetts, as a Sheetmetal Group Leader and Foreman and a Sr. Methods Engineer; and at Fairbanks Morse Company, Vermont, as a Sheetmetal Foreman.

Mr. Heck resides in Littleton, New Hampshire, with his wife, the former Gladys Thomson of Malden, Massachusetts, and children Diana and George.

Noel Parant began employment with the Sprague Electric Company on October 4, 1965, as a Senior Machine Designer for the Factory Engineering Department, reporting

to James Smith. Mr. Parant, a native of Boston, Massachusetts, received his education from the YMCA Trade School, New York: Spring Garden Design School, Pennsylvania; RCA Institute, New York; and Adelphi University, New

His previous employment has been with Devenco Inc., New York, as a Mechanical Designer; Celanese Corp. of America, New York, as a Project Engineer; Continental Vending Machine Company, New York, as an Assistant Chief Engineer; and the Raytheon Company, Hooksett, New Hampshire, as a Development Engineer.

Mr. Parant is affiliated with the American Society of Mechanical Engineers.

He is married to the former Lucille Delinski of Pennsylvania, and they reside in Concord.



Theodore Sobozenski joined the Sprague Electric Company on January 17, 1966, as a Senior Machine Design Engineer for the Factory Engineering Department, reporting to James

Smith.

Mr. Sobozenski, a native of Exeter, New Hampshire, graduated from Phillips Exeter Academy and received a Bachelor of Science degree in Mechanical Engineering from the University of New Hampshire.

Prior to his employment with Sprague Electric, he was a Mechanical Engineer with the Springfield Armory, Springfield, Massachusetts.

He is married to the former Cynthia Norkis of Nashua, New Hampshire, and has two sons, Theodore, Jr., and Stephen.

Continued on page 8A, col. 1

From Your Industrial Relations Manager's Desk



Shakespeare said "The evil men do lives after them, the good is oft interred with their bones." Of course it is an exaggeration to classify quitting without notice as an evil practice but I am sure that foremen and others who rely on people to perform certain jobs have little good remembrances of these who suddenly quit and tell no one. Happily, the majority of employes who terminate for one reason or another give sufficient notice.

The individual who just walks out the door one day planning not to return and not telling anyone hurts the Company, but himself more. For he is adding another personal characteristic to his image in the eyes of others. That characteristic is called irresponsibility. The "good" done through the years by this individual in his department and in the plant is dimmed by his last act. He has let people down and this is remembered. Not only is it remembered but

When another company calls to inquire about this former employe who quit without notice and they ask "Is he reliable?". What would you say?

























W. Wooley

D. Call Promotions Recently Announced for Six Employes

Six Concord employes were promoted recently to more responsible positions.

Dana Call accepted his new position as Junior Machine Design Engineer on January 1, 1966, for the Factory Engineering Department, reporting to Milfred Welch.

Dana, a native of Concord, is a graduate of Concord High School and the New Hampshire Technical Institute. He joined the Sprague Electric Company in April 1957, as a Detail Draftsman, and up until the time of his recent promotion, worked as a Design Draftsman.

Mr. Call resides in Concord with his wife, the former Judith Ann Drescher, and daughters, Deborah Ann and Suzanne Leigh.

Gerald Martel recently accepted his new responsibilities as Production Engineering Section Head for the Tantalum QAR Department, reporting to David Anderson.

Mr. Martel began his employment with the Sprague Electric Company in 1960 as a Specifications Writer for the Tantalum QAR Department, after serving three years with the United States Air Force.

Mr. Martel is a native of Pembroke, New Hampshire, and received his education from St. Jean Baptist Grammar School in Suncook, and Bishop Bradley High School in Manchester.

He is married to the former Constance Demers of Suncook and has three children; Gary, Denise, and James. They reside in Suncook.

Dana Ordway was promoted to Transistor Finishing Foreman on November 1, 1965, reporting to

Michael Smith.

He began his employment with the Company on January 25, 1960 as a Utility Man.

A native of Chichester, New Hampshire, he received his education from Concord High School and the Sprague-Franklin Institute.

Mr. Ordway resides in Chichester with his wife, the former Carol Mc-Garry of Brockton, Massachusetts, and children, Donna and Dana, Jr.

On January 1, 1966, Frank Quimby accepted his new responsibilities as Time Study Man and Cost Estimator, reporting to John Crase.

Mr. Quimby has been employed with the Concord Plant since March of 1959. His past positions with the Company have been that of Utility Man and Formation, Etching and

Continued on page 7A, col. 4

Credit Union Declares Semi-Annual Dividend

The Board of Directors of the Sprague Concord Credit Union have declared a dividend of 4.8 per cent on Credit Union shares for the six month period ending December 31,

The dividend, representing a total of \$2,272.96 in interest for share holders, was declared at the regular monthly meeting on January 11,1966. The individual interest will be posted on share cards during the month of January.

This figure, combined with a dividend payment of \$1,982.36 posted during the past summer, represents total Credit Union share-holder earnof \$4,255.32 for the calendar year just

In the same period, total assets of the Credit Union grew from \$121,054.56 to \$160,392.00, and membership from 702 members to 838. All Sprague employes are invited to share in the services of the Credit Union, including loans at reasonable rates as well as savings at the prevailing 4.8% rate.

-- DEPARTMENTAL NEWS --

Semiconductor Production (2nd Shift)

by Lynne Preve

Now that the New Year is upon us, there are many new things ahead of us. We want to welcome all the newcomers to our department. From the buzzing, everyone enjoyed a wonderful Christmas. . Welcome back to Pauline Bisson, who has returned back to work after having a baby boy

...Good luck, Linda Shibles, who has gone onto first shift. We all miss her on Line 1. Elsie Ford has taken her place and we hope she will enjoy working with us as much as we enjoy having her ...The Christmas dance was enjoyed by everyone who attended. We exchanged presents on December 23 and the time was enjoyed by everyone...Good luck to Jeanne Petrin who will be leaving us soon for a visit from the stork. We will miss her during her absence... May you all have a very happy New Year in 1966.

Transistor Division QAR by Blanche Prescott

Helen McLaughlin spent the Christmas holidays in Walpole, Massachusetts with her family. Sorry Santa didn't give you all you asked for Christmas...Janet Sher-burne and son spent Christmas at Woodsville, New Hampshire . . . Cecile Boisvert has been transferred to our department. Hope you'll like working with us...John Davis has been using the instant sex spray he received at the QAR Christmas Party. Has anyone noticed anything different about him?...Sandy Lazott has announced her engagement to Harvey Lang and is wearing a beautiful ring. She looks happy doesn't she?.. Joyce Gullage must have a new swing with her bowling ball. She has been doing real well and her average has gone up...Wishing you all a very Happy New Year and many more to come. I hope the next issue will have more news.

SEPT Production

by Jeanne Gingras

Hi everyone. Let's hope that by this time next year, our country will be at peace and that our boys in Vietnam will be back with us. I



Russell Davis, age 10, is the son of Pat Davis of Department 799.

know they all have our support... A farewell party was given at the Coachman in Hooksett for two of our Engineers and our Foreman, who have left to work elsewhere. Jim Lazott and Ed Jasiewicz in Worcester, Massachusetts, and Ken Klauck in New York. Each was presented with a three instrument barometer. Everyone had a very enjoyable time. Our good wishes and good luck to all of you...A warm welcome to our newcomers who are Joyce Martin, Marie Smith, Paul Guimond, Eleanor Griswald, Paul Gaillard, Harold Hart, Pat Faretra, and Dave Johnson. We are happy to report that Paul Guimond and Dave Johnson's wives are expecting. Our congratulations to Douglas and Pat Faretra, who are the proud parents of a bouncing boy, Gregory Scott. Douglas, formerly of SEPT, is now with Tantalum Scheduling...Wesley Davis, son of Pat Davis, is now working at Massachusetts General Hospital. He hopes some day to become a doctor. By the time this goes to press, he will have joined the armed services. Good luck, Wesley...Jim Lamarre has now left us to go to work for a service station. Good luck, Jim... Glad to hear that Jane and Charlie Call are enjoying their new home, which they purchased not too long ago. Also Ruth Philbrick. Jane, formerly of SEPT is now working in Tantalum. Good luck, Jane...Our annual Christmas party was held at Pat Davis's house in Laconia. After a delightful social hour, a lovely lunch was served and a delightful time was had by all. Andy Pellerin will remember that trip most of all, as he had to make a contribution to the Police Department Fund for something like speeding. As he says, no sweat . . . A very happy and prosperous New Year to everyone. . . Our sincere congratulations to Pauline Twombly, who will have been married by the time this goes to press. The best of luck to both of you.

Semiconductor Production (2nd Shift)

by Maureen Rogers

Well, the holidays are over and everyone enjoyed them to their fullest. I understand Maurice Emond got a very nice sponge cake for Christmas.

but, quote,"It was pretty hard cut-ting." Don Heath was the recipient of a very unusual gift from Elsie Ford...Good thinking Elsie...Chris Goodwin is a lucky girl to have just moved into her new home in Bow. Hope you have many fond memories there, Chris. . . Lynn Belanger is back after a visit from the stork...A welcome back is in hand for Myrtle Frost...Shirley Severns daughter, Mary Ann, is due for another operation. We all wish you the best of luck, Mary Ann, and keep smiling, as that's half the battle... I expect this to be my last report. do want to say 'thanks' for all the cooperation from each and everyone and it has been a great pleasure working with you. So long and good luck.

Semiconductor Production (3rd Shift)

by Avis Small

All during the fall and winter, I have been hearing many tales of "Daring-Do" from our mighty hunters. From the duck hunters, I heard that the decoys these days are mighty life-like. I have come to the conclusion that one must be very brave. (or maybe foolish) to go either fishing or hunting in Smitty's boat. Then, came time to stalk the wily deer. All day they hunted and all night compared adventures and were sure tomorrow would be their lucky day. Now it is bowling, skiing and ice fishing—count me in on the last one. There are a bunch of real sports on our shift...We had two very extra special turkey dinners in the cafeteria to celebrate Thanksgiving and Christmas. Process Control girls set a mighty pretty table and did a fine job of serving. Nick Edwards, Ralph Spencer, and Dick Jewell joined us at 3:00 a.m. . . October 17 was wedding day for three members of the night owl crew. Artina Cassidy married Robert Drapeau on that date, both worked in Department Bob is now in the Army. Phyllis Ryan married Waldon Woodside on the same date. Claude Bag-ley married Donna Lee Whittier on November 5. The groom is better known as "Brad". Happy married life to one and all...There has been much sickness-guess the old flu bug

is too smart for us. Lois Tasker has just returned to work after a hospital trip. Glad you are back, Lois. Al Field, Paul Foote, Ruth Morgan, Barbara Person, and Gerald Smith received their five year service award pins at the Banquet held in November. Fine time was had by all from the reports and pictures. ... Our sincere sympathy is extended to Rita Meunier on the loss of her mother during the Christmas holidays. Also to Hazel Carleton on the loss of her motherin-law during the same period.

Eileen Shattuck has a new little son born December 12, named Samuel Wayne. Earl Gestewitz is the proud father of a little girl born December 17, named Catherine Marie. Our congratulations. . Happy 1966 to one and all from third shift. By the way, we are quite proud of those signs at the head of each line saying, "Third shift holds the all time record for production on this line." Not bad for a group of sleep walkers.

Autonetics

by Yvonne LeBrun

Well, here we are with our first issue of the New Year. Quite a bit has happened in Autonetics since our last issue, so here goes... We were very happy to welcome Geraldine Holbrook, and Dorothy Mulligan back after their recent illnesses and wish them the best of health in 1966. We also welcome Edith Langley back from maternity leave. She has a lovely little daughter named Linda Lee, who is already ruling the roost at the age of four months.

We have welcomed two new girls into Department 729. They are Lillian Stone and Alice Grandmont, transfers from Departments 722 and 727, respectively.

Aurea Laliberte's son, Gerard, has been home over Christmas vacation from the American School for the Deaf in Hartford, Connecticut, and my son, Steve, has been on vacation from the Crotched Mountain School for the Deaf in Greenfield, New Hampshire... Bea Welcome has married off the last of her brood, with the recent wedding of her son, Kenneth. She has also been made a grandmother again with the births of a son, Dwayne, to her daughter Darlene, and a son, Stan, to her son, Bill... Evelyn



Eleanor Griswald of Department 732 is the mother of this attractive family. Back row from left to right are Martha and Lu Anne. Front row from left to right are Janice, Gary, Lisa, and Fred.



Mark William Keith, 4, and his sister, Kelly Lee, 2, are the nephew and niece of Ann Milner of Department 799.



This picture of Brian Verville was taken when he was 11 months old. His mother, Nancy works in Department 429.

Mitchell is on vacation and we'll have the details of this for our next issue...June Sargent has recently moved to Penacook from Canterbury and likes her new apartment very much...Connie Morin's son, David, has been on leave from the Army in Texas, and spent Christmas with his mother and sister, Sandra, and Connie's granddaughter. Christine.

Millie Chase's son, Private Edward Chase, has been stationed in Monterey, California, and is learning the Chinese language...Several people from Department 729 joined others in the plant in attending the Service Award Banquet at the Highway Hotel Convention Hall and received their five year pins...The Tanta-lum Christmas Party was held on December 17 at the Highway Hotel with dinner, an exchange of gifts, music, and dancing. A good time was had by all, especially Arthur Brown, who does not usually join us on these occasions, but he ended up being the life of the party . . . In closing for this issue, may I wish everyone a very Happy New Year.

Final Test, Second Shift by Ann Cutting

We welcome Donna Murray and Juliet Champagne to our department. and also the return of Carlene Hoyt, a familiar face to all of us. Glad to have her back... Everyone seemed to have had a very Merry Christmas and received many gifts. Esther Smith got a home made knitted swimsuit. It's the latest...Marion Wooley didn't need much as she already had a mink fur piece... If anyone sees a



This picture is of Carolyn Gonyea of Department 721, her husband, Leo, and their children Michelle and Joseph.







Douglas, age $6\frac{1}{2}$; Joni, age 5; and Susan, age 3; are the children of Beverly Frawley of Department 732. Their grandmother is Ethel Townsend of Department 721.

gray sweater, please return it to Anna Wheeler. She is lost without it... Tanya Jackson took a three day trip to Vermont with the family . . . Lindsay Gregory shot a doe at hunting season and we are still waiting for a piece of steak-maybe some day. With Goldie Bagley's darling spring sneakers, we know the snow won't last too much longer.

for winning the Twist Contest. Also, congratulations to George Tetu, who went to his first Sprague party. Who cares if we had to take up a collection and buy his ticket so that he would go. At any rate, he must be a pretty popular guy as sixteen people, both male and female, donated to the cause...George and John Noyes also enjoyed themselves thoroughly at



Ricky, age 3; David, age 11/2; and Diane, age 4; are the children of Norma Fitts of the Credit Union.

Marketing

by Judy Everett

Welcome to Jim Allen and John Tirrell who have recently joined our Marketing forces. Also a belated welcome to Betty Snair who is working in Customer Service with Brian Hendricks and Mary Newell...What a month of parties. The Annual Office and Engineering Christmas Party was enjoyed very much by all who attended. Congratulations to Jim Denoncourt and Judy Everett a party at the Sheraton Carpenter in Manchester. I understand George and Hector Emond ended up spending the evening together. happened to John? ...The Marketing secretaries along with Sandy O'Mara and Shirley Brannock, had Christmas luncheon at the Brick Tower. Gifts were exchanged, food devoured, and a good time was had by all. And, how about the doorknob, girls...Charlie Grandmaison



This young man is Ronal Goodwin, son of Harriet of Department 721.

more, to his house the day before Christmas for a cup of cheer. We all think it was a nice gesture on Charlie's part. Thanks again. Besides' going to parties, George Tetu, Judy Everett, Lou Robert, and Wayne Hall drove to Boston for a Celtics game. The Celtics overpowered San Francisco and the only one who really enjoyed the game was Judy. However, we all got a lot of laughs out of the drive down and back. George told us he could drive a standard. How come then when he stopped at traffic lights, stop signs, etc., he couldn't shift from first to second, or second to third. In fact, he couldn't shift at all. .. Birthdays celebrated were those of Charlie Grandmaison, Iim Hearl, Al Dall, Judy Everett, and John Upton. Have a happy Valen-tine's Day—Ta-ta.

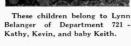
Material Preparation

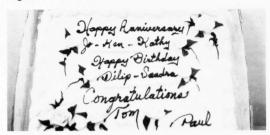
by Phyllis Blanchette

Well, I'm here with my first report for the paper. I hope with the cooperation of my co-workers, it will be somewhat of a success . . . Robert Beck has returned to work after being in the service six months. Welcome back, Bob...Ken Cassavaugh on second shift became the father of a 6 lb. 11 oz. girl on December 4... Theron Longley also became the father of a 6 lb. 3 oz. boy on December 20. Congratulations to both of you. . . Len Burritt will soon be the proud father of a son or daughter. Good luck, Len. Hope you get your boy...The first shift had a Christmas party on December 20 at the home of Delia Wood. A good time was had by all ... We would like to congratulate Robert



This is Mary Ann Severns, daughter of Shirley of Department 721. Mary Ann's friend is quite familiar.





Department 797 had this lovely cake baked to celebrate the anniversaries of Josephine Smith, Kenneth Blevens, Katherine Hale, and Bill Thomas and the birthdays of Dilip Bokil and Sandra Baker and a congratulations to Thomas Abbott for the birth of his son.

about holidays, many of us attended

the 2nd Shift Christmas Party and it sure seemed like a good time was

had by all. Didn't it, Cliff?...On December 16 Jackie Bergevin, Joyce

Belanger, and yours truly were in-

vited to the Q.C. First Shift Christmas

Party held at the China Dragon.

We were very pleased with the in-

vitation and really enjoyed ourselves.

Beck on his engagement to Diane Beliak of Nashua.

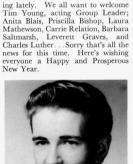
Tantalum QAR

by Nancy Verville Well, Armand, Uncle Sam did remember that you are his nephew, but before you leave, what is a "Mando?" Wayne Hall has replaced Armand...Andrew Andreottola is a new addition to our department. Welcome, Andy...Peggy Peterson, Ginny Foster, their daughters, and I baked 12 pies in half an hour the Saturday before Christmas. We can't take all the credit though. If it hadn't been for my mother, Cora Hurd, helping us do things the easy way, we might still be baking those pies... Jack Shelton visited his brother, George, over the holidays...Carol Thornton has joined our department in Check Inspection...Congratula-tions are in order for Gerry Martel, who has been promoted to Section Head of Tantalum Production Engineering . . If any of you want to know the pitfalls of moving on Christmas Eve, just ask me. I found out the hard way...George Shelton, Ed Newman and Tom Smith went hunting together. George ended up tracking Ed, only Ed's tracks somehow vanished and George got lost. John Remick obliged by buying George a compass...Al Sieradski got his deer, an 87 pound buck and John Remick also got his deer, a 100 pound buck.

Semiconductor QAR & Finishing (2nd Shift) by Shirley Seddon

Here I am for the first time reporting and no one has any news "Boy, was I glad when those holidays were over." Talking





Did you have enough to eat, Jackie? Gifts were exchanged and Gerry

Gagnon did a tremendous job of

playing Santa Claus. Boy, Gerry, I'm sure glad I'm French...There

have been a lot of new faces in Finish-







This picture of Linda Lee Langley was taken when she was 2 months old. Her mother, Edith, works in Department 729.

Tantalum Formation

by Simone Croteau and Albina Morse Christmas is over now and from all reports everyone had an enjoyable day. I want to wish everyone a very Happy and Prosperous New Year. Timmy Young has left us to work in transistors...Lucy Perreault was married a few months ago to Adrien Cote...We had a Christmas party



Thirteen year old Diane Susan and eleven year old Lee-Ann are the daughters of Esther Smith of Department 724.

December 17 and a good time was had by all...Albina Morse was quite happy when her son, Tom, called on the telephone December 24 from Elgin Air Force Base, Florida

.Congratulations are in order for John Phillips on his promotion to Superintendent of Tantalum Operations here at Concord. We are all happy for you, Mr. Phillips, and wish you all the best of luck in your new position. We will do our best to help you on the production end of things...Kay Bobblis's son, Mike, came home over the Christmas week-



Sandra Lazott of Department 426, recently announced her engagement to Harvey Lang.

end. He didn't stay long, but Kay was happy to see him even if it was for just a little while...We would like to welcome Linda Hillsgrove, Theda Genest, Sue Supry, and Dee Cantara and Irene Cadrette to our department. We are glad to have you with us . . . Steve Wright, who has replaced Paul Labbe, on reformation, hopes your stay with us is a happy one . . . Barbara Desroches is back with us again after her visit from the stork. You sure have a beautiful baby, Barb...Rita Hamel gave birth to a big girl December 4, weighing in at 8 lbs. 1 oz. We are happy you got your wish, Rita, a nice healthy girl.

Tantalum Formation and Tantalum Pellet Prep, 2nd Shift

by Esther Perron It's nice to have Bob Plante as Group Leader on second shift. Congratulations Bob. I hope the girls are good to you...We have quite a lot of new girls now. Eva Girard, Maggie Holloran, Tina Reardon, Shirley Locke, Louise LeBorgne, Connie Nepveu, and Anna Grossman. Hope you girls stay a long time... We miss Susan Michaud, who has transferred to the first shift. It was so nice working with her . . . Poor Pat Bobblis-seems as though something always happens to her motor vehicles. This time a telephone post got in her way and there went her car. Better try walking, Pat!...Dale Treantefel is sporting a new car these days-a real nice one too...Quite a few girls have been moving this month. Tina Reardon bought a new trailer, Evelyn Colby has moved to Boscawen, and Mary Lemere has moved to a larger apartment...Freda Messier



Two month old Corinne Lea is the daughter of Barbara Desroches of Department 725.





Joan, age 4, and Judy, age 11, are the children belonging to Larry Cotter of Department 797.

will be leaving us on January 22 to await the stork. The girls are hoping for twins...Mona Cole's mother is visiting her for the winter from Maine.

Machine Shop by Louis Bellman

With the Holiday season gone. some of the fellows in the shop are looking forward to Spring when they can put their boats back in the lakes again...We would like to welcome John (Jack) Boyd to Sprague. He is the one with all the hair on his face. . . Clayton Longver has started the new car bug and it has got a hold of Orval Coleman, Gerry Courchene, and Rod Spaulding. Clayton has a bright red Chevrolet convertible, Orval has a Studebaker wagoneer, and Gerry and Rod have new Plymouths . . Paul Simard and Bob Keyser are working on their new home. Bob has his about done and living in it, while Paul has his about 2/3 done and should be in it by Spring ... I am looking forward to Spring and tenting season again.

Semiconductor QAR

by Barbara Gibbs

During the holiday season, news gathering sort of fell by the wayside. Hope you all had a wonderful Christmas, and wish you all the best for the New Year. . . Most of this news is old, but here goes. Highlight of the year for Helen McLaughlin was her trip to New York City to see Pope Paul. I had hoped to get more details from her, but from all we heard, it was an unforgettable experience...Gerry Gag-



Marine PVT Larry G. Welcome. son of Mrs. Nettie Welcome of Department 721, has completed basic training and is now stationed at Camp Lejeune, N. C., for advanced combat training.

non had an unforgettable experience, too, when after numerous trips to the hospital, only to have to wait again, his wife presented him with a bouncing baby boy on November 18. Gerry says at last Gary is here!... We welcomed Shirley Belrose to the blue-print machine, replacing Margie Morse, who took a new job in Cathy Ansaldo's area, only to have her take a new job as clerk-typist for Gerry Gagnon. At least she stayed with us. So we welcome Virginia Blanchard to the blueprint machine. We also welcome Blanche Prescott, Jim Hawkins, and Ron Poliquin to our department...We have had the following birthdays to celebrate with our traditional coffee and cake break. October 22, Joyce Gullage-Sandy Lazott baked the cake. December 13, Jerrolyn Stokes—Joyce baked the cake. December 16, Cathy Ansaldo— Jerry baked the cake; and December 28, Toni Counter-Cathy baked the cake. Oh, those calories!...Our department had a wonderful Christmas Party on the 16th of December at the China Dragon. Your reporter had lots of fun, food, and frolic...This is submitted in a rush to meet the deadline, so please pardon any errors and/or omissions.

Microcircuit Production

by Barbara Joaquin

Christmas brings with it the joy of making other people happy. We in Department 798 are glad to have been able to bring big smiles to the faces of Ruthanne Durham's two small boys, Eddie and Joel. Ruth had to stay out of work for several days while her mother was in the hospital. During her absence we decided to fill two huge stockings with tovs and gifts for the boys. We all enjoyed playing the part of Santa for them . . . It seems Santa was good to all the members of our department this year with many items of jewelry left by him, such as watches and a beautiful diamond ring for Karen Hammond... Eleanor Frost has started a fascinating hobby. She is raising Sea Monkeys. She received them as eggs and watched them hatch and grow. They will be between 3/8 to ½ inch long when fully grown.

Transistor Special Products

by Sandra Baker

Quite a bit has happened since the last report. On October 8 a combination cake of four anniversaries-Josephine Smith, October 10; Kenneth Blevens, October 24; Kathy Hale, October 15; and William Thomas, October 12, two birthdays-Dilip Bokil, October 10 and Sandra Baker, October 9: and one congratulations to Thomas Abbott on the birth of his new son. Paul Kozakevich was also included, as usual... On November 20 at 12:15 a wonderful dinner prepared by different girls in the department, was served. We had home baked beans, home made bread, deviled eggs, tossed salad, potato chips pickles, and black raspberry cheese cake with graham cracker crust. Good cooking, girls...On November 23 a cake was made for Paul Kozakevich. His birthday was November 28. It was a white cake with a bowling ball and pin on the top. Paul enjoys bowling. . . We now have Process Control in our department. Paul Croteau and Helen Anderson. Ken Blevens shot a spike horn buck on November 10 at 8:00 Wednesday morning and it weighed about 100 pounds...Helga Guthrie took driving lessons and got her license recently. She now has her own car. Be careful, Helga, there are a lot of crazy people on the road . . Gerry Schlehuber had a Christmas Party at her house, but we didn't hear much about the "goings-on".

Our KPR Room is now in operation. We have a new sink and are progressing fine...Beth Shackett's husband is supposed to come home from Korea in April. She wants to settle down to become a mother and housewife. Time will tell, Beth...Warren Berner and Sheldon Taylor are new to our department. Bruce Bonnette, Nancy Frizzle and Barbara Wilson are also new...A Christmas Party was held on December 11 at Katherine Hale's house. Attending were Ken and Hortensia Blevens, Larry and Jackie Cotter, Helga Guthrie, Marjorie Cheney, Beth Shackett, Leo Brosseau, Sandra and Leonard Baker, Gerry and Arthur Schlehuber, Dilip and Shirley Bokil, Paul and Ruth Kozakevich, Warren and Betty Berner, Jo and Skip Smith, and Charleen and Walter Randlett. Refreshments were served.

Dedicated To JOHN PHILLIPS

Congratulations on your promotion. You gave the job great

devotion You walked the hall with pen in mouth and controlled your temper not to shout

Where is this order long over due

It never would have gone only for you. So keep up the good work and smile on your face And keep us working in a

pleasant place.

Six Recent Promotions Continued from page 3A, Col. 3

Checking, for the Tantalum Pre-paration Department; Formation Group Leader for Autonetics; and Pilot Plant Group Leader.

Mr. Quimby, a native of Concord, received his education from Concord High School, service schools in Oklahoma, New Jersey, and New Hampshire; the Sprague-Franklin Institute, and the Concord Union School District Tech School.

He resides in Epsom with his wife, the former Ruth Mason of Gossville, and four children, Ann Susan, Alan Stewart, Dale Robert, and Glenn Edward.

Gerard Stanley began employment with the Sprague Electric Company on November 19, 1959, as a Technician. On November 15, 1965, he accepted his new position as Engineering Assistant for the Semiconductor Device Development Engineering Group, reporting to J. Gerard Bouchard.

Mr. Stanley, a native of Exeter, New Hampshire, received his education from Penacook High School, the University of New Hampshire, and the Sprague-Franklin Institute.

He resides in Concord with his wife the former Loretta Ann Corchary and daughters, Elizabeth Rae and Deborah

Wayne Wooley recently accepted his new responsibilities as Foreman of Test Equipment Production, reporting to Joseph Bieniek.

Mr. Wooley began his employment with the Sprague Electric Company in March of 1960 as a Production Technician.

A native of Concord, he received his education from Portsmouth High School and the United States Air Force Radar School in Mississippi. Mr. Wooley is affiliated with the

SPEBSOSA Barbershop Harmony and is a member of the Sprague Candlepin Bowling League, The Sprague Mets, and the Sprague Basketball Team.

He resides in Concord with his wife, the former Bonnie Picard of Penacook, and children Colleen Ann, 4; Sharon Mae, 2; and Robert James,

Remember Wonders Of General Store?

A general store of the late 19th century sold "makings." A customer could buy cloth for a dress, flour for bread and tobacco for a smoke.

The old general store was epitomized by its containers which furnished a treat for the eyes as well as the nose. Time-mellowed barrels of flour, sacks of rich brown coffee, tubs of golden butter, glass jars of bright sweets, decorated tins of tea and cannisters of spice blended their distinctive odors into a fragrant

Containers were nothing like the dozens of sizes and kinds of cans, bottles, boxes so plentiful in today's supermarkets. Containers in the old general store remained in the store as customers brought their own pails or sacks to take home purchases.

The indispensable paper bag making machine was not invented until 1852 and many years passed before brown paper bags were plentiful. Canned foods existed early in the 19th century, but did not become popular until after the beginning of the 20th century.

A noticeable feature about one general store of the 1870's in the eastern end of Long Island was that it sold little ready-to-eat food. Nor did its competitor down the street. Rural townspeople purchased only small amounts of basic foods such as meat. The balance they grew, or caught, or shot.

However, this general store, which bore the sign, "Dry Goods, Groceries, Boots and Shoes," still sold about everything needed then in daily life.

A storekeeper's ledger in Spencerian elegance listed such dry goods as "7 yards of cloth, \$1.75; 9 yards of alpaca braid, 18 cents, 1½ yards of cambric, 18 cents; 6 yards cassimere, \$3.30; 1 cake Castile soap, 8 cents; 1/2 gallon molasses, 45 cents.

MEN'S SPORTS

by Al Sieradski BOWLING

The end of the first half has found Team No. 6 with Doug Faretra as Captain, in first place. The second half, already four weeks in progress, finds Paul Gaillard's Team No. 4 in first place with 48 points. In second Place, Team No. 2, captained by Red Locke, has 46½ points. In third place is Len Burritt's Team No. 1 with 421/2 points. Team No. 5 with 36 points, captained by George Baker, is fourth. Bill Rand's team No. 3, holds 34½ points for fifth position. In last position is Team No. 6, captained by Doug Faretra, with 321/2 points.

The top ten average is as follows: Len Burritt, 103; Paul Gaillard, 103; Red Locke, 101; Charlie Call, 101; George Baker, 100; Harry Littlefield, 99; John Remick, 98; Red Lemaire, 98; Bob Pratt, 97; George Shelton, 96; Louis Bellman,

96; Doug Faretra, 96.

High triple—Red Locke, 360; Paul Gaillard, 352; George Baker, 347. High Single-Red Locke, 142; John Remick, 141; Paul Gaillard, 140.

Nine New Additions

Continued from page 3A, col. 2



Warren Berner began his employment with the Concord Plant on November 1, 1965 as a Process En-gineer for the Semiconductor Device Development Engineering

Department, reporting to J. Gerard Bouchard.

Mr. Berner comes to us from the home offices in North Adams, Massachusetts, where he worked as a Development Engineer.

He is a native of Buffalo, New York, and received his education from Alfred University, New York, where he obtained his Bachelor of Science degree in Ceramic Engineering.

He currently resides in Concord with his wife, the former Elizabeth Bushika of Stamford, Vermont, and son, Jeffrey.



Jacob Higgs began employment with the Sprague Electric Company on November 1, 1965, as a Design Engineer, reporting to Joseph Bieniek.

Mr. Higgs, a native of Green-

ville, North Carolina, received his education from the Greenville City High School and Duke University, where he received a Bachelor of Science degree in Electrical Engineer-

Mr. Higgs was previously employed by the William Muirhead Construction Company as a Draftsman, and the Hazeltine Electronics Division, New York, as an Electronic Design Engineer.

Mr. Higgs resides in Concord with his wife, the former Mary Ann Smoot of Greenville, North Carolina, and children, Mary, Elizabeth, Laura, and John.



William Reid began employment with the Concord Plant of the Sprague Electric Company on October 4, 1965, as Assistant Materials Manager for the Purchasing Department.

Mr. Reid, a native of Boston, Massachusetts, received his education from Massachusetts Institute of Technology, Northeastern University, where he received a Bachelors degree in Business Administration, and Fenn

College, Cleveland. Mr. Reid came to Concord from the home offices in North Adams, Massachusetts, where he worked with contract purchasing. Prior to this, he worked as an Industrial Engineer with the Boston Woven Hose and Rubber Company, Cambridge, Massachusetts; a Methods Engineer with Convair, Fort Worth, Texas; and an Industrial Engineer and Buy-

er with the Aluminum Company of America, Cleveland, Ohio. Mr. Reid is married to the former Lois Schaeffer of Boston, and has three children, Janet, Duncan, and David.

WOMEN'S SPORTS

by Carol Thornton

Once again a new year is here and the New Year's resolutions are flying around, and so are the bowling balls. It seems as though some people cannot hold onto the balls.

I would like to mention how much Albina Morse has improved in her bowling. Albina has had a terrible time bowling this year, but lately she has improved considerably. Keep up the good work, Bina.

The Plymouth girls challenged us to a rematch on our home alleys. Phyllis Brown made the arrangements for the Plymouth girls and Rita Nedeau, with the help of Betsy Gibbs, made the arrangements for the Concord girls

I would like to thank the following girls from Plymouth for coming down to Concord for the match. Phyllis Brown, Betty Downing, Dot LaPointe, Joan Wherland, Janet Medeiros, Beverly Hale, Lorraine Mayo. We had a swell time, girls. Thanks again.

We have not finished this half of our bowling season as yet, so the team standings are as follows: The Woodchoppers are leading at this time by four points. The Missing Lynx are second, the Tigers are third, and in last place the Wild Cats. Come on, Wild Cats, get on the prowl.

Two Group Leaders

Continued from page 1A, col. 4

Dennis Towle began employment with the Sprague Electric Company in October 1959, as a Utility Man. In 1960 he was reclassified to a Formation Man and until his recent promotion to Tantalum Formation Foreman, was employed as a Tantalum Formation Group Leader, reporting to John Phillips.

Mr. Towle is a native of Loudon, New Hampshire and a graduate of Pittsfield High School.

He resides in Concord with his wife. the former Roberta Dyment.



YOUR Credit Union

Births

October 22-Mr. & Mrs. Douglas

Faretra—Boy November 11- Mr. & Mrs. Ronald Belanger-Boy

December 4-Mr. & Mrs. Kenneth Cassavaugh—Girl

December 4-Mr. & Mrs. Albert Hamel-Girl December 12-Mr. & Mrs. Francis

Shattuck-Boy December 17-Mr. & Mrs. Earle

Gestewitz-Girl December 18-Mr. & Mrs. Edward Berube-Boy

December 20-Mr. & Mrs. Theron Longley—Boy

Anniversaries

November 24 Mr. & Mrs. Gerald Martel-5 years December 7 Mr. & Mrs. Roland

January 20 February 20

February 26

March 6

March 30

Shonyo—19 years Mr. & Mrs. Roland Verville—4 years Mr. & Mrs. Clifford Seddon-6 years Mr. & Mrs. Walter Randlett—22 years Mr. & Mrs. Glenn Smith-1 year

Guthrie—9 years

Weddings

October 17 October 17

November 5 January 8

Artina Cassidy to Robert Drapeau Phyllis Ryan to Waldon Woodside Donna Lee Whittier to Claude Bagley Priscilla Twombly to

Iames Foss

A. Doore, Ass't IR Manager

Continued from page 1A, col. 4 Company. His most recent assignment was as Personnel Manager

of a Sears facility in Brooklyn, New Hampshire.

His Industrial Relations responsibilities will include the Suggestion Program, Plant Paper, publicity, training and educational sponsorship, general supervision of the cafeteria, Plant security, arrangements for Company sponsored functions and athletic activities.

He is married to the former Roberta Jane Washburn of North Adams, Massachusetts, and is the father of one child. They plan to make their home in Concord.

Passing Thoughts . . .

Children begin by loving their parents; as they grow older, they judge them; sometimes they forgive them



SAFETY - - - AT HOME AND ON THE JOB . . .

Anthony N. Sacco, Corporate Safety Supervisor, recently conducted a series of Safety Training Sessions in North Adams. In attendance were department heads, foremen, general foremen and superintendents. Safety statistics compiled for the period between July 1, 1964 and June 30, 1965 will be of interest to all employes.

In North Adams there were 6 lost time industrial accidents during that period. The most severe accident resulted from a fall, as did two other accidents. Two injuries were the result of fingers being caught and one was a sprain. Statistically, there was less than one accident for every million man-hours worked. While we deplore any lost time because of injury, we feel our record is good. Our constant aim is to improve and we strive for a year with no injuries to our personnel.

OFF-THE-JOB ACCIDENTS

In his talk to the various groups, Mr. Sacco also presented statistics on injuries to employes off-the-job In the same period, July 1, 1964. June 30, 1965, one hundred fifty-five employes were injured away from work. While 376 days were lost from on-the-job injuries, a total of 809 days were lost from work because of injuries sustained off-the-job. Of the 155 injuries sustained off-the-job. 22 resulted in time lost from work. Injuries in the home resulted in two thirds of the accidents, or nearly 100. Automobile accidents accounted for 21 of the 155 injuries.

Dependents of Sprague employes also suffered many injuries during the year. A total of 372 dependents were injured, with 248 of these injuries occurring in the home. Twenty-two were hurt in transportation mishaps and 102 in public injuries.

As we ponder these statistics one point becomes increasingly clear – injuries are much more prevalent off-the-job than on. Through the extensive safety programs developed within the Company, employe injuries are kept at an extremely low figure. At home we are not nearly as careful of our safety!

In addition to an on-the-job safety program, let us all concentrate on a safety program at home. We are presently suffering 30 times as many accidents off-the-job as on.

A TOUCH OF HUMOR

Sweet thing, applying for office job: "I'm very smart. I get all the words in every crossword puzzle I do."

Boss: "But I need someone who is smart in the office."

Sweet thing: "I do them in the office."

Science has discovered a soap which removes the ring from the tub. If only science could remove the ring from the phone, we would be able to relax in the bath at last.

Suggestion Awards Bring \$4,525 To North Adams Employes in '65

During 1965 a total of \$4,525.00 was awarded to 40 employes here in North Adams for their accepted suggestions. The average check for each idea amounted to a handsome \$113.00, well above the average suggestion figure reported by the National Association of Suggestion Systems of \$41.00 per suggestion. Certainly this should be an added incentive to all Sprague people to submit their ideas for improvements in their work areas.

At the last two Suggestion Committee meetings in 1965, nine North Adams employes received checks totalling \$505.00 for their accepted ideas. Top winner was Geraldine Shartrand, of Film Products, who was awarded \$150.00 for her suggested method of preparing tape for wrapping sections. Geraldine's suggestion will be reviewed at a later date to see if an additional award is justified.

Female employes definitely took top honors the last few months. Second high winner was Emma Jobin, of Purchasing, who received \$120.00 for a new system on follow-up purchase orders. Fifty-five dollar checks went to Cora Ryan, of Magnetic Hand Winding, and Joseph Mantello, of Industrial Oils. Cora suggested an improved method of winding coils while Joe's idea eliminated winding of the paper start around cork rolls on the Hilton rolling machine. Both have been consistent contributors to the Suggestion System. Just last summer, Joe received the largest check ever presented for a suggestion. His \$2,000.00 award was an all-time high. Cora has never received an award in the four-figure category, but has a fine record of accepted ideas.

Machine Shop employes have also been consistent award winners. Carrying the honors this session is Alan Taylor who received \$30,00 for an improved method of mounting 109D terminal strips in the Tantalum Department. In the \$25,00 group, three checks were awarded, Elizabeth Barcomb, of High Reliability Tantalum Foil, suggested the use of mask-

Continued on page 7, col. 3







John Phillips

Marriott and Phillips Promoted As Solid Tantalum Expansion Continues

Robert J. Marriott, of Plymouth, and John Phillips, of Concord, were recently promoted to Solid Tantalum Superintendents at their respective locations according to an announcement by Robert L. Parrish, General Manager. Both men will report to Martin J. Daigneault, Solid Tantalum Factory Manager at Concord and Plymouth, New Hampshire and at the new facility in Sanford, Maine.

Mr. Marriott is well known in North Adams having been employed at the home plant from 1952 until his transfer to Plymouth in 1962. He was originally hired as a Formation Machine Operator and later became a Production Scheduler-Expediter and a Group Leader. In 1955 he was named Foreman of Shift Registers at Beaver Street and in early 1958 when the Special Products Division was organized he moved to Union Street with the Department.

A native of Plainfield, Connecticut, Mr. Marriott attended Plainfield and Adams, Massachusetts high schools. He served in the U. S. Air Force as a Flight Commander with the 9th Air Force in Europe.

Mr. Marriott's wife is the former Freda Dumouchel, of North Adams, and they are the parents of three daughters.

Mr. Phillips is a native of Concord, New Hampshire and a graduate of Concord High School. From 1953-1957 he served in the U. S. Air Force and following his discharge joined Sprague Electric as a Utility Man. Shortly thereafter he was named a Group Leader and in 1959 was promoted to Foreman. In 1962 he was named Tantalum General Foreman, the position he held until his present promotion.

Mr. Phillips is a member of the American Legion and the YMCA Industrial Management Conference. His wife is the former Cynthia Riley, of Concord, and they are the parents of a daughter.

Management Club And Transcript Sponsor Successful "Santa Fund"

The 1965 Santa Fund, sponsored jointly by the Sprague Electric Management Club and the North Adams Transcript, made Christmas brighter for 1017 needy area youngsters from 269 families. In addition to the toys, which were delivered on December 23, clothing certificates totaling \$2,295.00, and restricted to the purchase of children's clothing, were mailed to 102 families.

In November the Transcript started publicizing the Fund and contributions poured in at a steady pace. Many departments within the Company sent sizable donations and kindhearted individuals throughout the community added their generous support.

Co-chairmen of the yearly event were Howard Lee, of Office Services, and John Pennock, of Test Equipment. On Tuesday evening, December 21, a giant wrapping party was held in the Marshall Street Cafeteria. Members of the Management Club spent an enjoyable evening wrapping the toys which were divided by age groups. The following evening another group bundled the toys into family packages to be ready for delivery.

Prior to the actual purchase of the toys, many hours were spent recording names of potential recipients and checking and cross-checking lists received from various welfare groups, churches, and civic organizations. It was the earnest wish of the group that not one deserving child should be missed, and hopefully none was.



Geraldine Shartrand, of Film Products, Beaver Street, was pleased with her \$150 Suggestion Award. She is shown on the job wrapping sections in the faster method she suggested.

Industrial Relations Changes Announced For Concord, Vandalia and Midwest Area







A. Doore

Two promotions and an addition to Industrial Relations personnel were recently announced by John D. Washburn, Corporate Director of Industrial Relations. Anders J. Doore has joined the Concord group as Assistant Industrial Relations Manager; Eloise Gibbs has been named Industrial Relations Administrator at Vandalia; and Tom C. Sawyer has assumed the duties of Midwest Area Industrial Relations Manager.

Prior to joining Sprague Electric, Mr. Doore was employed by Sears Roebuck & Company as Personnel Manager in Brooklyn, New York. A native of Chicago, Íllinois, Mr. Doore attended Northeastern College, Boston, and is a graduate of New England College, Henniker, New Hampshire. From 1954-1956 he served in the U. S. Army and following graduation from college in 1959, joined Sears Roebuck.

Mr. Doore's wife is the former Roberta Washburn, of North Adams, and they are the parents of a son,

Mrs. Gibbs is a native of Bellefountaine, Pennsylvania but moved to the Dayton, Ohio area as a small child. She graduated from Kiser High School in Dayton and attended the University of California, Los Angeles. Prior to joining Sprague Electric in 1964 she was employed by the Eastern Electric Company in Maryland and at the Fidelity Medical Building and General Motors in

Mrs. Gibbs is a member of the Secretary's Guild, the Business Women of Ohio, the Ohio Society of Personnel, and the Miami Valley (Dayton) Personnel Executive Board.

Mr. Sawyer joined Sprague of Wisconsin, Inc. as Industrial Relations Manager in April 1965. A native of Racine, Wisconsin, he is a graduate of the University of Wis-consin and was employed by the Diamond Transportation System of Racine as Safety Director prior to joining Sprague Electric. He was also previously associated with the

Brant & Millberry

Continued from page 1

tion, the position he held until his present promotion. He is a Past Master of the North Adams Greylock Lodge of Masons, a former Boy Scout Commissioner for Northern Berkshire, and a U. S. Navy Veteran.

Mr. Millberry's wife is the former Joan Whitney of North Adams and they are the parents of three children.

United States Gypsum Company as Employment Supervisor and Personnel Manager in Wabash, Indiana and Red Wing, Minnesota respectively.

As Midwest Industrial Relations Manager, Mr. Sawyer will be in charge of Industrial Relations activities at both the Vandalia, Ohio Plant and the Grafton, Wisconsin operation, and the various Sales Offices located in that area.

Mr. Sawyer is married to the former Jo Ann Jenson of Racine.

Sky-Borne Electronics Sold To Aladdin, Ind.

The facilities and equipment of Sky-Borne Electronics, a division of Sprague Electric located in Santa Fe Springs, California, have been sold to Aladdin Industries.

Sprague Electric will continue in the delay line business through the Special Components Division located at Union Street in North Adams. Raymond Lussier, of Union Street, will have product marketing responsibility in this area.

Sky-Borne facilities were acquired in 1962. The company was originally organized in 1958 for the manufacture of delay lines, low-pass and special filters and custom in-

News From Vandalia & Northern Berkshire

VANDALIA NEWS

by Edna Brown and Betty Dempsey

Our first writing of 1966 brings news of many things from the Sprague Electric family of Vandalia... First of all, our Christmas Party was a real success. At the party, three of our people received their five year Service Award pins. They were: Alla Neumeier, of Drafting; Ralph Mc-Donald, Can Shop; and Lynn Mullins, secretary. Congratulations to all of you! We also had the pleasure of meeting Tom Sawyer at that party. Mr. Sawyer will be making visits to our plant as Midwest Area Industrial Relations Manager and we all want to welcome him.

Santa was sure good to Sprague employes. The "love bug" bit several of our gals around here, too. One of them is Iva Russell. This gal is sporting a real rock from a big tall handsome fellow named Dick. Congratulations, Iva! When's the date?

...Others in the diamond category, not "unhitched" but rather on the basis of "thanks for being hitched" to their hubbys are Vivian Elkins and Nell Elkins. . . Then too, we had a few new wedding bands floating around. Don't know if it was because they have been married so long the old ones wore out, or shiny new ones were in order to be sure no mistake would be made as to their status. These were Virginia Yates, with a beautiful wide band, and also Janet Brown...Velma Stum received a new band along with a new mounting for her engagement ring...Then our Karl Brown received a new band from his wife, but attached to it was a "parking ticket". Figure that one out, if you can!

In the new car category is Lillian Behrens who is driving a new Chevelle and Gertrude Strobel who is now sporting a gray Super Sport which her hubby bought her. We won't tell how she managed that!...A late vacation was taken by Don Billups to California, no less. He spent the

We would like to introduce the additions to our Sprague family and sure do welcome all of them. They are: John Welty and Alex Afendoules, of the Stockroom; Jessie Saylor and Jim Bennington, of Coil Winding; and Dorothy Deaton, Irene Morgan and Rosemary Nighswander, on the Line.

.Catherine Stockstill and Marcella Landenberg returned to our group from lay off, and we welcome Charles Brelsford as our new Methods Engineer.

Our last bit of news for this issue concerns Ethel Elliott. It seems she has a new heartbeat these days. She doesn't go home for lunch any more, but is escorted to lunch. Maybe next issue we can have a little more information on these new happenings. ... That's it for now. Be with you next issue!

Northern Berkshire Mfg. Co.

by Stella Zawislak

Congratulations go to Nellie Macchia and her husband "Mike" on their 37th Wedding Anniversary. They were treated to a swell dinner at the Springs Restaurant in New Ashford. According to their daughter, Antoinette of Filter Department on Marshall Street, Nellie ate so much that the following week all she could have for lunch was two soda crackers.

Our welcome goes to Carmen (Tony) DeMarco who joined our working group in September. Hope you like it here, Tony.

It's good to see our Foreman, Harry Urban, himself again. It's been pretty rough. His wife went to the hospital twice in two months. Good to know she is feeling better and raring to go back to work.

Don Duxbury, our bookkeeper and group leader, is all smiles now. inventory is done with, the Auditors came and went and everything is fine!

Research and Engineering Groups Aid Retarded Children



Donald Blanchette, left, local head of the Retarded Children's Group was most pleased with the check presented to him by Dr. Frederick Fowkes, of the Research and Development Center. Employes in the Center have donated to the Fund for several years.



Mr. Blanchette was doubly pleased this year when a group of Engineering personnel also donated to the Retarded Children's Fund. Here Mary Libardi (left) presents the check which will be used to provide additional facilities for area children needing help.

Automation and the Future . . .

Excerpts from a speech by THOMAS J. WATSON, JR., Chairman of the Board, International Business Machines

I want to talk to you about some of the positives and negatives of my particular job and some of my convictions and beliefs on the general subject of automation. You may applaud, you may disagree violently. But here they are:

First, I believe in the infinite expansion of human knowledge. In this expansion, automation is a powerful asset – possibly the greatest concept since movable type.

Second, I hate inefficiency, waste, featherbedding and fat, anywhere in our conomy. They are, in the end, thefts from the hungry – from all of us. In their elimination, automation can be a sharp scalpel.

Third, I cheer every increase in productivity – every report that American workers can turn out in an hour more shoes, more trucks, or more wheat than ever before. I believe we can and must increase the rate at which we produce – and export – because our ability to raise world living standards directly affects the advance or retreat of communism. If our system will not begin to alleviate poverty and hunger, the world will try a different approach.

Fourth, I believe in the enlargement of constructive leisure. I do not agree with the prediction that the American people can conquer any enemy and overwhelm every challenge except spare time.

Fifth, I believe that in the next few years you will see a number of things happen in America, all connected with automation, and most of them good. Here are just a few:

HIGH EDUCATIONAL LEVEL

Paralleling the advance of automation, the education level of the American work force will continue its relentless rise. I have seen it myself at IBM. In our domestic plants and sales force and headquarters, one person in three has graduated from college. One out of two has either a college degree or some college credits. In the past five years, the number of college graduates has gone up 87 per cent. And it is going to keep on that way. In about five years, for the first time in history, half our adult population in the United States will have at least a high school diploma; one adult American in ten will have a college degree.

In the next few years, electronic machines will enter American classrooms on a grand scale – a welcome, liberating, and strengthening ally to the teachers of our children.

Students will sit at terminals – typewriter keyboards, TV screens, and other devices – wired to computers, which may be thousands of miles away. Professors, of course, will have organized the course material in the computer. It will ask the questions, say yes or no to the student's answer, analyze it, and lead him step-by-step deeper and deeper into the subject matter at his own personal, individual pace – not the standard impersonal pace of a class of 40 or 200 – too fast for some and painfully slow for the gifted.

And what's in it for the teacher? Freedom from drill and drudgery. More time than ever before to plan new approaches to his subject. More knowledge than ever before about the way each one of his students learns or fails to learn – more time for creativity, imagination, challenge to youth.

COMPUTERS TO PLAY INCREASING ROLE

In the next few years, advancing technology, including computers, will make possible seven-league strides forward in the well-being of the individual. Just one example: The widespread use of central banks of medical records with terminals in hundreds of hospitals and physicians' offices will instantaneously give the doctor or a nurse a patient's entire medical history, eliminating both guesswork and bad recollection, and sometimes making a difference between life and death.

In the next few years, technology itself will need a new speedometer for its ever-quickening pace, spurred by more and more knowledge networks, like the one which now offers the power of a central computer complex at MIT to scholars at fifty-one other universities throughout New England. From an industrial economy, in which most people work producing goods, through our present service economy, producing services, we shall more and more become—the first in the world's history—a knowledge economy, with 50 per cent or more of our work force involved in the production of information.

Foster Parents

Continued from page 5

another every month. PLAN transmits original and translation.

Your relationship to your Foster Child is truly personal. A Foster Parent may describe his home and country to his child and the Foster Child in turn will write about himself, his family, and his country. In addition to thousands of individual Foster Parents, more than 5,000 social, religious, and school groups social, religious, and school groups

in the United States and Canada have Foster Children.

Foster Parents' Plan works in Greece, Hong Kong, Korea, the Philippines, Vietnam, Colombia, and Ecuador; and a Foster Parent may choose a child according to age, sex and nationality.

Write Foster Parents' Plan, Inc. 352 Park Avenue South, New York, New York 10010 for further details. It will be an experience in human-

D. Walter and B. Kuhse Named To Head Manufacturing and Development at Vandalia



Donald R. Walter

Management changes at Vandalia, Ohio were recently announced by Frederick S. Scarborough, Filter Division Manager. Overall plant responsibility has been divided into two areas. Donald R. Walter has been named Plant Manager and Bernard G. Kuhse is Manager of the Midwest Development Center. Mr. Walter is responsible for all production activity at Vandalia and Mr. Kuhse is in charge of customer contacts and inquiries for the large Midwest area from Texas through Michigan. Mr. Scarborough noted that the recent promotions will strengthen the overall capability at the Vandalia

Mr. Walter is a graduate of the University of Missouri School of Mines and Metallurgy, Rolla, Missouri where he received a B.S. degree in electrical engineering. He also studied at Southeast Missouri State College and did graduate work at St. Louis University, St. Louis, Missouri.

Prior to joining Sprague Electric in 1961, Mr. Walter was embloved by the Emerson Electric Manufacturing Company, St. Louis as a Senior Electrical Engineer. At Sprague Electric he has served as an Interference Control Specialist and Filter Engineering Specialist prior to his recent promotion.

Mr. Walter is a member of the Institute of Electrical and Electronic Engineers and is currently serving as Vice-Chairman of the Dayton IEEE Chapter of the Professional Tech-

Suggestions

Continued from page 3

ing tape on the outside of each box to indicate the part number, rating, and quantity of units. John Benoit, of Tantalum Formation, devised an improved method of welding piggy back pellets in his area, and George Beverly, of FP Cover Assembly and Ovens, suggested that preheat ovens be covered with Ceo Bakelite instead of Neo Tex rubber safety matting.

The final award winner was Doris Minno, of Engineering. Her reopened suggestion was granted an
additional \$20,00 as the idea is now
being used in Research as well as in
Engineering. Doris had suggested
an improved method of submitting
time reports.



Bernard G. Kuhse

nical Group on Electromagnetic Compatibility.

Mr. Kuhse joined Sprague Electric in 1962. From 1958-1962 he was associated with Hallicrafters where he worked on EMC and RGI suppression of airborne and ground electronic systems. As a Filter Engineering Specialist at Sprague Electric he has been responsible for the design of interference control components.

A graduate of the American Institute of Technology, Chicago, Illinois, with a B.S. degree in electrical engineering, Mr. Kuhse also studied mechanical engineering for three years at the Iowa State University, Ames, Iowa.

Mr. Kuhse is a member of the IEEE and also a member of the Professional Group on Electromagnetic Compatibility.

THE GREATEST AMERICAN

This month the nation observes the birthday anniversaries of two great Americans, George Washington and Abraham Lincoln. Each has been called the greatest American. Not everyone would name either.

Some students of history prefer Thomas Jefferson. But the longest list of claims to fame belongs to Benjamin Franklin. Ah-h-h there was a great man.

Do you wear bifocals? Ben invented them. Do you like a rocking chair? Ben invented it. Do you borrow books from a free library? Ben established the first successful circulating library. Do you quote familiar lines from Poor Richard's Almanac? Ben wrote it. Do you read the weather reports? Ben established the first weather bureau.

Make a question and answering game of it.

Who first proved that lightning is electricity? Who made the first electrical magnet? Who invented the lightning rod?

Who organized the first paid fire engine company? Who laid out post road, set mile stones and put toll roads on a paying basis? Who established the first community hospital? Who worked out the first efficiently operated police department; the first efficient street cleaning, street lighting systems? Who

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Ashe County Employe Lester Moore's Hobby Of Collecting Clocks Started in 1930's



Just ask Lester Moore of the Ashe County Plant, the time - he can give it to you. In the upstairs work room in his home he has many clocks.

Lester's hobby is collecting clocks of which he has about twenty different names. Included in his collection are clocks of French, American and Dutch designs. Also, in the collection are calendar clocks - they tell the month, date, and day of the week as well as the time.

Some of the clocks such as the Swirlpool and Harp Shape date back to the 16th Century. Other model names are Goddess of Hunt, Steeple Clock, Session's 8-Day, Banjo, and also a Waterbury Clock that was used on ships. He also has clocks with pendulum drive used before electric clocks were invented. An Ansonia with mercury drive and a Grandfather Clock are included in his collection along with one with Braille numerals. His search for unusual or antique clocks has led to purchases in New York, Pennsylvania, Maryland, Virginia, and other areas of the country

Mr. Moore's interest in clocks dates back to his childhood when the clock on the mantle fascinated him, but he

Passing Thoughts . .

It's great to talk straight from the shoulder, but take advantage of the bump on top.

Ignorance allows one to do something silly.

Knowledge allows one to know why one does something silly.

Wisdom does not allow one to do something silly.

Each person is like a nail: You must point him in the right direction, drive him hard, and he will go as far as his head will allow.

was not allowed to touch it. However, on one occasion when his parents were away he took the clock outside to see what made it tick. By the time they were home the clock was back together again, but for some reason was 2½ hours slow.

The collection began in the early 30's and not too many years ago his father added to it the clock from the mantle at home, or the clock that had been the origin of his interest in clocks.

Mr. Moore is employed in Department 772 of Sprague Electric Company's Ashe County Plant, Lansing, North Carolina.

Ten Commandments For The Wise Use of Credit . . .

1. Do remember that credit costs money - always find out how much.

2. Don't buy on credit from a door-to-door salesman - deal with an established dealer.

3. Do plan credit together as a family - and use it for family goals only.

Don't expect to square a debt

by "letting goods go back".

5. Do plan how credit will be repaid - before you sign a credit

6. Don't be a "captive" of a credit store - you can shop with borrowed cash too.

Do compare costs - of goods and credit.

8. Don't buy things you don't need - for cash or credit.

9. Do read the contract before you sign it - don't be anybody's fool.

10. Don't be afraid to ask advice from a cash lender - he has nothing to sell.

Dr. Carl F. Hawver National Consumer Finance Association, Washington, D. C.

Form 3547 Requested Return Postage

BULK RATE U. S. POSTAGE PAID North Adams, Mass. Permit No. 94

Don't Let The Customer Go To The Dogs

A story told in advertising circles has become a classic example of product importance.

It goes something like this:

Once upon a morning, the owner of a dog food plant decided to create a wholly new kind of canine meal and to saturate the various media with publicity and advertising. Management was determined to capture at least 60 per cent of the dog food market.

To accomplish this, the owner of the plant hired the top people on Madison Avenue to insure success. For instance, he employed a firm of specialist to come up with a suitable name - simple to remember yet descriptive of the new delicious canine goodies. And a top commercial artist was commissioned to paint a picture of these goodies that could be reproduced in four colors on the can label.

Another firm was set to work designing a container that would stack easily on the supermarket shelves, fit nicely within the grasp of Mrs. Average Shopper, and open quickly for instant use. Thus was born the for instant use. znippy-znappy, tip-off-top.

A super sales force was organized to push the product even further at the point-of-purchase level.

Finally, when the naming, designing, packaging, publicity, advertising, and sales force were ready, the campaign shifted into high bow-wow in the lingo of the trade. Carload shipments went to every state and territory, and markets and grocery stores eagerly stocked up to take advantage of the two-for-one (wholesale) introductory offer.

At first sales were beyond expectations. Dog owners bought the new food preparation in the easy-to-carry dozen can box. After all, everybody saw it, heard it, and almost smelled it advertised.

Then a few weeks later, sales zoomed down, way down!

What happened?

Were dogs of the nation on a diet? Impossible.

So the plant owner hired a group of motivational experts to pin-point the problem.

The experts returned with the answer within 72 hours: the darned dogs refused to eat the stuff. Of course, everything else was perfect, but the dogs hated the product.

And so another firm went out of business for a very basic reason: The product did not satisfy the customer.

At Sprague Electric, as in all businesses, the product must satisfy the customer. If we short him on quality, if our performance does not come up to his expectations, he will go elsewhere.

This will not happen if we make sure that every shipment leaves our plant on time and contains the best material and workmanship possible.

We want no darn dogs!

Hows You're Speling?

With one exception, today's college students deserve a high rating compared with those of previous decades

The exception: spelling.

So says Dr. Millicent McIntosh, President of New York City's Barnard College, who writes:

"There are sixteen misspelled words in this report. They are not writen by parints, kindergarten puples, enimy sergaents nor amature authors.

"They were taken from the examanation papers of young men and women who have just had the benifit of one of the best things in American life...a college education. Proper spelling is a sign of a well disaplined mind. In our opinnion a graduate who can't write a defnite, precise analisis may turn out to be a type with a tendencie to split atoms that will assend us all through the cieling.'

How many of the sixteen words spelled incorrectly did you find?

The Greatest American

Continued from page 7

was America's first Postmaster General?

Who founded the University of Pennsylvania? Who presented the colonies with a Plan of Union twenty years before the Revolution? Who helped Thomas Jefferson write the Declaration of Independence? Who was the only patriot that signed all four of America's great state papers the Treaty of Alliance with France, the Treaty of Peace with England, the Declaration of Independence and the Constitution?

And now...the sixty-four dollar question:

Who is the greatest American who ever lived?

Benjamin Franklin. Right! Take all the money.